1000 Å		InGaAs	
 Num		Inf	
1000	Å	Inp	
19 —	50 Å	InGaAs	$p = 5 \times 10^{17}$
	250 Å	InP	$p = 6 \times 10^{17}$
	800 Å	1.15 Q	$p = 5 \times 10^{17}$
	700 Å	1:24 Q	undoped
17	50 Å	QW	undoped
	100 Å	1.24 Q	undoped
17	50 Å	QW	undoped
	100 Å	1.24 Q	undoped
17	50 Å	QW	undoped
17	700 Å	1.24 Q	undoped
	800 Å	1.15 Q	$n = 5 \times 10^{17}$
a	5000 Å	InP	$n = 1 \times 10^{18}$
	3000 11	n* InP Subst	rate

Fig. 1

10

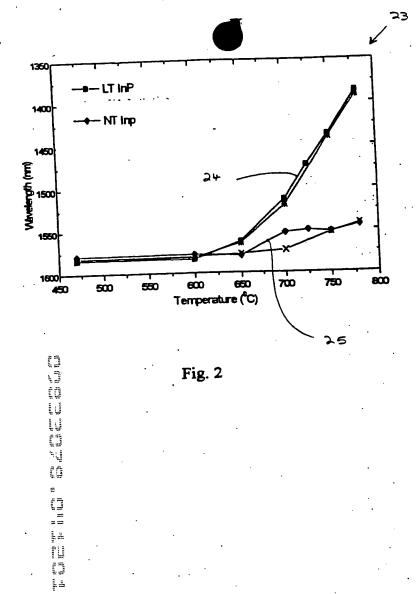


Fig. 2

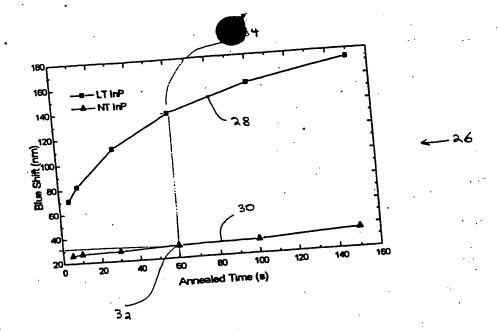


Fig.3

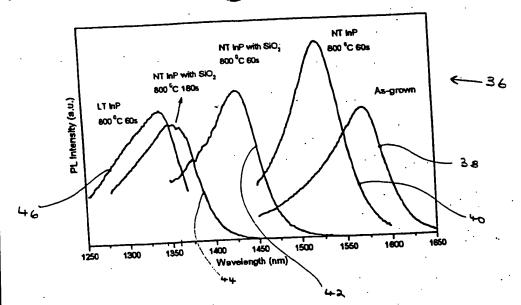
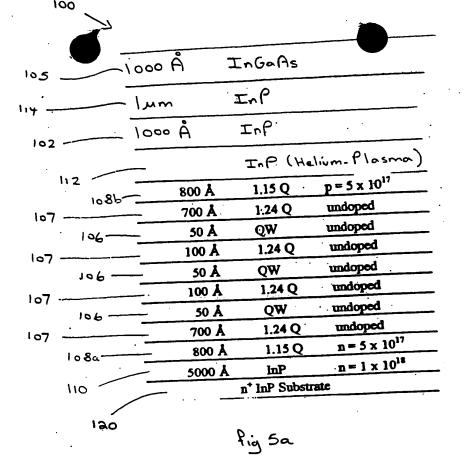
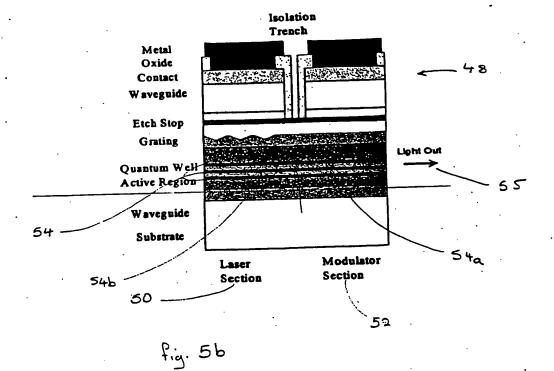
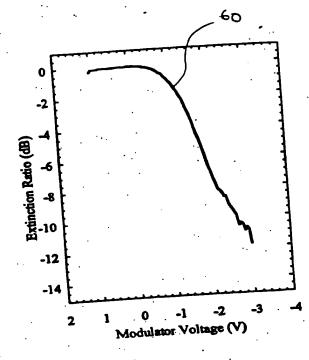


Fig. 4

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Rig. 6